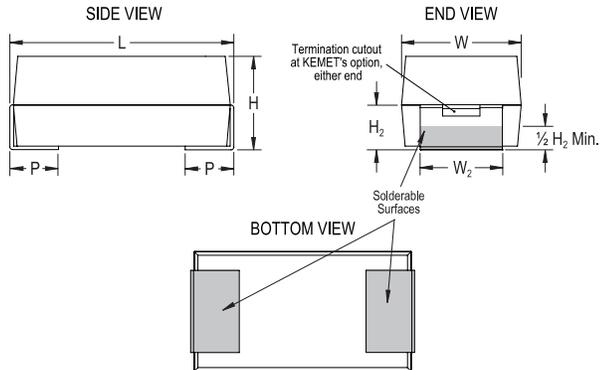


T497_COTS, Tantalum, MnO2 Tantalum, COTS, 4.7 uF, 10%, 50 VDC, SMD, MnO2, Molded, COTS, Medical, B (0.1%/1000 Hrs), 1.5 Ohms, 7238, Height Max = 3.17mm



Dimensions	
Footprint	7238
L	7.24mm +/-0.38mm
W	3.81mm +/-0.38mm
H	2.79mm +/-0.38mm
S	1.27mm +0.025/-0.13mm
F	3.68mm +0.13/-0.51mm
A	4.7mm NOM
K	1.52mm MIN
P	0.76mm MIN

Packaging Specifications	
Weight:	349.01 mg
Packaging:	T&R, 178mm
Packaging Quantity:	500

General Information	
Supplier:	KEMET
Series:	T497_COTS
Dielectric:	MnO2 Tantalum
Style:	SMD Chip
Description:	SMD, MnO2, Molded, COTS, Medical
Features:	COTS, Medical
RoHS:	No
Prop 65:	WARNING: Cancer and reproductive harm - www.p65warnings.ca.gov .
REACH:	SVHC (Pb – CAS 7439-92-1)
Termination:	Solder Coated
Notes:	P and R dimensions represents the minimum solderable area of the termination surface entirely below cutout (if one is present).. Note: When solder coated terminations are required, add an additional 0.38mm (0.015inch) to the tolerances for "L", "W", "H", "K", "F" and "S"
MSL:	1

Specifications	
Capacitance:	4.7 uF
Capacitance Tolerance:	10%
Voltage DC:	50 VDC (85C), 33.5 VDC (125C)
Temperature Range:	-55/+125C
Rated Temperature:	85C
Dissipation Factor:	6.00% 120Hz 20C
Failure Rate:	B (0.1%/1000 Hrs)
Resistance:	1.5 Ohms (100kHz 20C)
Leakage Current:	2.4 uA (5min 20C)
Testing and Reliability:	Standard Testing Only

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